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 13/09/2022 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 09/09/2022 up to 10.00 A.M. to 12:30 P.M. and tender form can be had from this office on 12/09/2022 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	Special repair to CHC Building Lad Bharol District Mandi (H.P). (Sub Head:- Repair of Roof).	₹ 2,74,700/-	₹ 5,500/-	₹ 350/-	Class "D"	Three months
2	Construction of link road Bagla Bagoda Hard Ropri to village Gahru. (Sub Head:- Providing and laying Kharanja stone soling and cement concrete pavement at Km. 0/150 to 0/228).	₹ 2,62,555/-	₹ 5,300/-	₹ 350/-	Class "D"	Three months
3	Construction of road from Bhager road to join with Ropri road. (Sub Head:-Providing and laying GSB, wearing grade-II and tarring at Km. 0/00 to 0/190).	₹ 4,91,916/-	₹ 9,800/-	₹ 350/-	Class "D"	Three months
4	A/R & M/O link road to village Samoun Jarehar Langna Km. 0/0 to 2/0. (Sub Head:- Construction of retaining wall at Km. 0/675 to 0/690).	₹ 2,59,524/-	₹ 5,200/-	₹ 350/-	Class "D"	Three months
5	Construction of Bharan Panjalag Kanharg Fagla link road Km. 0/0 to 3/240. (Sub Head:- Back filling behind crate wall at Km. 3/175 to 3/240).	₹ 70,274/-	₹1,400/-	₹ 350/-	Class "D"	Two months
6	A/R & M/O HP.PWD. Gang Hut at Neri. (Sub Head:- Providing and fixing Galvanized M.S. wire and angle)	₹ 1,81,983/-	₹ 3,600/-	₹ 350/-	Class "D"	Three months
7	Construction of Traimbli Papiotu road. (Sub Head:- Construction of 900mm dia hume pipe culvert at Km. 0/800).	₹ 2,83,669/-	₹ 5,700/-	₹ 350/-	Class "D"	Three months
8	Construction & M/T of Jeepable link road village Nihari Balh to Pihar Bhadlu. (Sub Head:- Providing and laying WBM Grade-I at Km. 0/0 to 0/150).	₹ 1,29,153/-	₹ 2,600/-	₹ 350/-	Class "D"	Three months
9	Construction link road from Khaddar to Kolang via Rahad. (Sub Head:- Providing and laying WBM Grade-I, G-II and premix carpet and seal coat at Km. 0/00 to 0/100).	₹ 2,86,564/-	₹ 5,700/-	₹ 350/-	Class "D"	Three months
10	Construction of Govt. Sen. Sec. School building at Langna District Mandi (H.P). (Sub Head:- Providing and fixing Door shutter, window & Grill fixing).	₹ 87,385/-	₹ 1,700/-	₹ 350/-	Class "D"	Two
11	Construction & M/T on main road to SC Basti Badartu (Simus) Km. 0/0 to 1/0. (Sub Head:- Providing and laying kharanja stone soling and cement concrete pavement at Km. 0/200 to 0/300).	₹ 2,09,716/-	₹ 4,200/-	₹ 350/-	Class "D"	Three months
12	Improvement of 800 mtr. Utpur Barol road. (Sub Head:- Providing and laying cement concrete pavement at Km. 0/00 to 0/053)	₹ 1,30,204/-	₹ 2,600/-	₹ 350/-	Class "D"	Three months

13	Construction and M/T on link road to village Jahnu Km. 0/0 to 1/0. (Sub Head:-Construction of retaining wall at Km. 0/255 to 0/270).	₹ 3,49,438/-	₹7,000/-	₹ 350/-	Class "D"	Three
14	Construction of link road Golwan to Karsal Km. 0/0 to 1/0. (Sub Head:-Providing and laying kharanja stone soling and cement concrete pavement at Km. 0/291 to 0/361, earth filling in Km. 0/350 to 0/386 and construction of wire crate at Km. 0/365 to 0/380).	₹ 4,01,025/-	₹ 8,000/-	₹ 350/-	Class "D"	Three months
15	Restoration of rain damages on Ghatta Bag road Km. 0/0 to 4/500. (Sub Head:- Construction of retaining wall at Km. 2/737.25 to 2/739.75).	₹ 93,371/-	₹1,900/-	₹ 350/-	Class "D"	Two
16	Restoration of rain damages on Basalan Jalar Lahla road Km. 0/0 to 7/0. (Sub Head:- Construction of retaining wall at Km. 4/955 to 4/961.50).	₹ 1,54,641/-	₹3,100/-	₹ 350/-	Class "D"	Three months
17	Construction of link road from Gharoo to Kaleharoo. (Sub Head:- Providing and laying kharanja stone soling and cement concrete pavement at Km. 0/150 to 0/182).	₹ 97,101/-	₹1,900/-	₹ 350/-	Class "D"	Two
18	Construction of link road Mortan to Bagla School up to Balhi Passar road Km. 0/0 to 1/500. (Sub Head:- Construction of retaining wall at Km. 1/315 to 1/323).	₹ 3,03,336/-	₹ 6,100/-	₹ 350/-	Class "D"	Three
19	A/R & M/O various road under Joginder Nagar Division HP.PWD Joginder Nagar. (Sub Head:- Consultancy for sub structure design and drawing of 80.00 mtr. Span Motor able bridge over Binwa Khad at Bharan).	₹ 4,50,000/-	₹ 9,000/-	₹ 350/-	Class "D"	Three months
20	A/R & M/O on various road under Lad Bharol Sub Division HPPWD Lad Bharol. (Sub Head:- Preparation of DPR of Chhir- Bhyotu-Balh- Rahar- Rangra-Sarhoon- Kalehru-Antola-Gadiyara-Chouk-Galu road Km. 0/0 to 12/0).	₹ 99,600/-	₹ 2,000/-	₹ 350/-	Class "D"	Three
21	A/R & M/O link road harizan Basti Kotla road Km. 0/0 to 1/500. (Sub Head:-Construction of breast wall at Km. 0/825 to 0/837 and construction of retaning wall at Km. 0/850 to 0/862).	₹ 3,76,764/-	₹7,500/-	₹ 350/-	Class "D"	Three months
22	A/R & M/O Bhaila to Lower Bhaila road. (Sub Head: Construction of retaining wall at Km. 0/200 to 0/225).	₹ 3,40,786/-	₹ 6,800/-	₹ 350/-	Class "D"	Three
23	Restoration of rain damages on Balotu to Gwaila road Km. 0/0 to 4/0. (Sub Head:-Construction of retaining wall at km. 3/335 to 3/345).	₹ 1,81,098/-	₹3,600/-	₹ 350/-	Class "D"	Three months
24	Improvement of Sanda Makan road Km. 0/0 to 3/0. (Sub Head:- Construction of breast wall at Km. 1/220 to 1/235)	₹ 2,33,055/-	₹ 4,700/-	₹ 350/-	Class "D"	Three
25	Construction of Canteen block & Hall at Govt. Degree College Joginder Nagar District Mandi (H.P). (Sub Head:- Construction of retaining wall at Km. 0/024 to 0/033). Canteen side	₹ 99,175/-	₹ 2,000/-	₹ 350/-	Class "D"	One month
26	Improvement of Black spot on Gagal Bhaghar road Km. 0/0 to 7/0 (Sub Head:- Construction of "W" Metal Beam crash Barrier at Km. 5/510 to 5/540).	₹ 1,15,032/-	₹ 2,300/-	₹ 350/-	Class "D"	Three months
27	Construction of link road to village Khalanu (Sub Head:- Providing and laying of Kharanja stone soling and cement concrete pavement at Km. 0/223 to 0/268	₹ 2,22,039/-	₹ 4,400/-	₹ 350/-	Class "D"	Three months
28	A/R & M/O of link road to village Samoun Jarehar Langna Km. 0/0 to 2/0 (Sub Head:- Construction of retaining wall at Km. 1/615 to 1/625).	₹ 1,85,430/-	₹3,700/-	₹ 350/-	Class "D"	Three
29	Restoration of rain damages on Lad- Bharol Outpur Sandhapattan road Km. 0/0 to 10/0 (Sub Head:- Construction of retaining wall at Km. 0/050 to 0/060).	₹ 3,36,699/-	₹6,700/-	₹ 350/-	Class "D"	Three months
30	Restoration of rain damages on Lad- Bharol Outpur Sandhapattan road Km. 0/0 to 10/0 (Sub Head:- Construction of retaining wall at Km. 2/075 to 2/087).	₹ 3,16,474/-	₹ 6,300/-	₹ 350/-	Class "D"	Three months

Terms and conditions:-

- The contractor should produce a copy of enlistment / renewal letter at time of application.
- 2. Executive Engineer reserves the right to reject/cancel any or all the tenders without assigning any reasons.
- 3. The contractor/Firm shall have his registration and GST No, the copy of same be attached with the application. 4. The earnest money shall be deposited duly pledged in favour of Executive Engineer B&R Division HPPWD., Joginder Nagar & cost of tender form for the above works should be submitted with the application for the purchase of the tender forms. The application received without earnest money & cost of tender form shall summarily be rejected.
- No tender form will be issued to the contractor without producing the work done certificate from the Executive 5. Engineer concerned
- 6. The Contractor/Firms must have executed minimum one civil /similar nature of work done of amount not less than 40% (forty percent) of the estimated cost (without Liquidated Damage or compensation) in last five years.
- The contractor/firms are requested to insert the rate of each item in words as well as in figures failing which 7. XEN reserves the right to accept/reject any tender without assigning any reason at any stage.
- 8. The tender shall be issued to those contractors who have not more than two works in hand.

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

District Mandi (HP) on behalf of Governor of Himachal Pradesh Ph. 01908-222033

No. PW-JND-B&R-EA-I/NIT/Press/2022-23- 140 88 - 96

Dated:- 25

- Copy to the F.C. Cum Principal Secretary (PW) to the Govt. of Himachal Pradesh Shimla-2 for favour of information please.
- The Engineer-in-Chief, HPPWD, Shimla.
- The Chief Engineer (MZ), HPPWD, Mandi.
- The Superintending Engineer, Joginder Nagar Circle HPPWD, Joginder Nagar.
- All the Assistant Engineer working under this Division.
- Drawing Branch in this office.
- Notice Board.
- The Computer Cell office of the Engineer-in-Chief, HPPWD, Shimla for uploading the NIT on the Departmental

70600-1

(SH: Repair of Roof) Name of Work :Special Repair of CHC Building Lad Bharol Distt. Mandi (H.P.)

				Total	
					9.5
				carriage of material within all leads and lifts complete in all respect.	
				complete with all accesoriees as required as per the direction of Engineer-In-Charge including	
				hooks, bolts and nuts 6mm (six millimetre) diametre with prepainted limetre limeted limetre.	
		į		microns over 5 (five) microns primer coating to back coat of polyster 5 (five)	
		metre		coating of 20 (twenty) microscopic coated sheet with top coat of regular modified polyster (RNP) organic	
		Per square	110.76		
				2 Providing and fixing 0 60mm (reserved):	
				Charge. Charge.	
		meter		all leads and lifts and other incidentals as nor the distribution including entire carriage of materials within	
		Per cubic	0.86	the like wrought framed, hoisted and fixed in position in the like wrought framed, hoisted and fixed in position in the like wrought framed, hoisted and fixed in position in the like wrought framed, hoisted and fixed in position in the like wrought framed, hoisted and fixed in position in the like wrought framed, hoisted and fixed in position in the like wrought framed, hoisted and fixed in position in the like wrought framed, hoisted and fixed in position in the like wrought framed, hoisted and fixed in position in the like wrought framed, hoisted and fixed in position in the like wrought framed, hoisted and fixed in position in the like wrought framed in the	
Rs.	Figures Words		Civ.	I roviding 2nd class deodar wood work in trusses, purlins, rafters, posts, post plates wall plates	-
AMOU	Rate	Cult	20.01		TAO.
Inree	: Hillier Smy	Ti-tr	No or	Description of work	2
5	Time I imit			Sr. A	Sr.
-, -,	Format M.				
274	Estimate Cost:			(Str. Nepalt of Roof)	TC)

John 2

SCHEDULE OF QUANTITY

Name of Work- Construction of Link road Bagla Bagoda Hard Ropri to Village Gahru. (Sub Head:- Providing and Laying Kharanja Stone Soling and Cement Concrete Pavement at km 0/150 to Sr. Description of work No. or Oty. 1 Stone soling properly handpacked filling interstices with Kharanja stone and consolidating with 33.78	ent at km	binding mate hundred milin satisfaction a various location all respect. Construction and construct clause and smaximum size mixer of not channels and direction of F	binding hundred satisfact various in all re-	Sr. No. Stone so
m 0/150 to No. or Qty. 33.78	m 0/150 to 0/228) No. or Unit	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. 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.	on and direction of Engineer - in- Charge including hauling /carriage of materials to ocation through all modes of transportation in all leads, lifts and other incidental complete pect.	Head:- Providing and Laying Kharanja Stone Soling and Cement Concrete Pavement at ke Description of work 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
	Unit Per Cubic metre	28.15		m 0/150 to No. or Qty. 33.78
Figures	I had I had			Estimate Cost: Earnest Money: Time Limit: Rate Words
2 5	Estimate Cost: Earnest Money: Time Limit: Rate Words			2,62,53 5,30 Three Mo AMOUN' Rs. P

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	SCHEDULE OF QUANTITY		1000			
2	Name of Work: Construction of Road from Bhagher road Join with Ropri Road				Estimate Cost:	4,91,9
(S.J	(S.H.: Providing and laying Granular Sub Base, Wearing G-II and Tarring at km 0/00 to 0/190)			н	Earnest Money: Time Limit:	9,8 Three M
0	Description of work	No. or	Unit	H	Rate	AMOUN
No.		Qty.		Figures	Words	Rs. P
-	Preparation of sub grade by dressing to camber (Earth work for cutting involved for sub grade to paid for	638.40	Per square metre			
	leads, lifts, carriage of material and other incidentials charges.					
2	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil	638.40	Per square			
	of material and other incidentials charges.					
ယ	Construction of granular sub-base by providing well graded material, spreading in uniform layers with Tractor mount grader on prepared surface, mixing by mix in place method with retavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per technical specification clause 405 complete	63.84	Per cubic metre			
	within all leads, lifts, carriage of material and other incidentials charges.					
4		45.15	Per cubic metre			
	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-2 (two) as per technical specification clause 405 complete within all leads, lifts, carriage of material and other incidentials charges.					
V ₁		598.50	Per square metre			
	charges.					

all leads all leads ninous su ooint six e rial with	technical sepcification Clause 508 including all corrective measures such as patching pot holes, sealing of cracks including all profile correction for all depths and hauling of material with in all leads and lifts by all modes of transportation. Providing and laying seal coat Type-B by mechanical means sealing the voids in a bituminous surface laid to the sepcified levels, grade and crossfall using Bitumen (VG-10) at the rate of 0.68 (zero point six eight) kilograme per square metre as per technical specification Clause 510 including hauling of material with in all leads and lifts by all modes of transportation.	technical sepcification Clause 508 including all corrective measures such as patching pot holes, sealing of cracks including all profile correction for all depths and hauling of material with in all leads and lifts by all modes of transportation. 7 Providing and laying seal coat Type-B by mechanical means sealing the voids in a bituminous surface laid to the sepcified levels, grade and crossfall using Bitumen (VG-10) at the rate of 0.68 (zero point six eight) kilograme per square metre as per technical specification Clause 510 including hauling of material with in all leads and lifts by all modes of transportation.	all leads and lifts by all all leads and lifts by all ninous surface laid to the oint six eight) kilograme rial with in all leads and Total	
per square metre to required line, grade and level to surve as wearing couase on a previously prepared base, including mixing in suitable plant, laying and rolling with a three wheel 80-100 kN (eighty-hundred kilo newton) static roller capacity, finished to required level and grades to be followed by seal coat of Type-B as per				
(twenty millimetre) thickness composed of 13.2mm to 5.6mm (thirteen point two millimetre to five point six millimetre) aggregates either using penetration grade bitumen at the rate of 1.46 (one point four six) kilograme			metre	metre
6 Providing, laying and rolling by mechnical means bitumen (VG-10) of open graded premix carpet of 20mm	100.00	598.50	598.50 Per square	
		Qty.	Qty.	Qty. Figures
	-	No. or	No. or Unit	

JOBNO-4

SCHEDULE OF QUANTITY

	SCHEDULE OF QUANTITY					
	Alo Caraba link road to Village Samoun Jarchar Langna km 0/00 to 2/00				Estimate Cost:	2,59,524.0
Nam SH.	Name of Work: Plate of the line load to strange summer of the load			E	Earnest Money:	5,200.0
3			Times	a	Date	AMOUNT
Sr.	Description of work	Qty.	O III	Figures	Words	Rs. P
INO.	Farth work in excavation for structures in all depths as per drawing and M.O.R.D.technical	19.05	Per cubic			
	specification section 300 & 1600 including setting out, construction of shoring and bracing,		metre			
	removal of stumps and other deleterious materials and disposal in all lead and lift including					
	work of rock cutting by blasting shall be carried out by taking all necessary precautions against will engine 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 imisning 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 as 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					
	free free free free free free free free	44 77	Per cubic			
2	Providing and laying cement concrete 1:5:10(one cement: five sand:ten graded crushed / providing and laying cement concrete 1:5:10(one cement: five sand:ten graded crushed / providing and curing complete including the cost of form work in Retaining walls Breast walls , in or under water complete including,	#./	metre			
	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 the					
	drawings and MOKD technical specifications section over, 799,1200 and 1995 direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals					

					Total	T
					material and other incidentials.	
			metre		specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of	4
			12.60 Per cubic		and return wall complete as per Drawing and technical	T
					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.	1
					the full width of the structures with slope of I (v): 20(H) towards drainage race complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions	
	TO AND THE STREET				wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through	,
			Each	14.00	3 Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment,	3
Rs. P	Words	Figures		.Qty.	Description of work	1
AMOUNT	Rate		Unit	No. or	The indicate of months	

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SCHEDULE OF QUANTITY

Name of Work: Construction of Bharan Panjalag Kanarg Fagla Link km 0/00 to 3/240. (SH: Back filling behind wire crate wall at km 3/175 to 3/240)	Data	Almer .	***	
10	Tin			(SH: Dack lilling benind wite crare man as min grave to grave
	Earne			(CH. Book filling behind wire crate wall at km 3/175 to 3/240)
Estin Control Panislas Kanara Faala Link km 0/00 to 3/240.	Former			Name of Work : Construction of pharan I and and I want of a few arms
	Estin		*	& Phonon Poniolar Kanara Farla Link km 0/00 to 3/240.

	Constitution of the same of th					
Na ₁	Name of Work: Construction of Bharan Panjalag Kanarg Fagla Link km0/00 to 3/240. (SH: Back filling behind wire crate wall at km3/175 to 3/240.)	•		E.	Estimate Cost: Earnest Money: Time Limit:	70,274.0 1,400.0 Two Month
	3/4	No. or	Unit	R	Rate	AMOUNT
Sr.	Description of Work	Otv.		Figures	Words	Rs. P
Zo.		50 03	80 00 Per cubic			
1	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	00.02	metre			
	material and other incidentials.					
T	Total					

J06NO- 6

-	SCHEDOLD OF CONTROL				
	Name of work: A/D & M/O HP PWD. Gano Hut at Neri.			Estimate Cost:	1,81,9
(SI	(SH: Providing and Fixing Galvanized M.S. Wire and Angle)			Earnest Money: Time Limit:	3,6 Three M
2		No. or	Unit	Rate	AMOUN
Sr.	Describuon or work	Qty.		Figures Words	Rs. F
1	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification	1.76	Per cubic		
	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		metre		
	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				
	(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				
	the foundation of the structure is in an area with stagnant water or water is met with in the				
	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 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	1.76	Per cubic metre		
	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				
			,		
ω	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete as per the direction of Engineer-in-charge. 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.	637.56	Per Kilogramme		
Г					

	4 Providing & fixin dia wire and 1.4 n doors with M.S. I rates are inclusive direction and enti	-		
	4 Providing & fixing fly proof Stainless steel (grade 304) wire gauze of 0.5 mm (zero point five millimeter) dia wire and 1.4 mm (one point four millimeter) aperture on both sides to windows, clerestory windows & doors with M.S. Flat 15x3 mm and nuts & bolts complete as per the direction of Engineer-in-charge. 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 Morve	Decariation of work	
-) .106.70 &	Oty.	No. or	
	Per Square Metre		Unit	
		Figures	R	
		Figures Words	Rate	
		Rs. I	AMOUN	-

Name of Work: Construction of Trembali Paplotu Road.

L eregg

Estimate Cost:

2,83,669

				complete within all leads, lifts carriage of material and other incidentials.	
		Per cubic metre	10.44	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	w
				monimai size) compiete within an icaus, mis carriage of material and offici incidentials.	
		The Same		mix 1:4:8 (one cement : four sand : eight graded stone aggregate 40mm (forty millimetre)	
		metre		drawing and technical specification clauses 802,803,1202 & 1203. Plain cement concrete nominal	•
		Per cubic	4.43	Providing and laying concrete for plain / reinforced concrete in open foundations complete as per	2]
			35	the contractor which shall have to be duly compensated by him at his own cost.	
				the public or private property during the course of excavation shall be the whole responsibility of	
				pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to	
				spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or	10
				the structure is in an area with stagnant water or water is met with in the excavation due to	_
				road to specified dimension or as directed by the Enginer-in-Charge. If the foundation of	1
				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	par s
				width, camber super elevation and level as shown on the drawings or as directed by the Engineer-	_
				cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes,	0
				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	100
				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	0
				removal of stumps and other deleterious materials and disposal in all lead and lift including	-
The state of the s		metre		specification section 300 & 1600 including setting out, construction of shoring and bracing,	co
		Per cubic	41.03	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical	1
Rs. P	Figures Words		Qty.		No.
AMOUNT	Rate	Unit	No. or	Description of work	Sr.
Three Mon	Time Limit:		•		
5,700	Earnest Money:			(Sub Head:- Construction of 900mm dia Hume Pipe Culvert at km 0/800)	(Sub
The state of the s				The state of the s	The same of the same of

					X O CHI	Γ
					Total	T
			Per cubic metre	9.48	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.	00
			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.	7
			Per cubic metre	25.55	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.	6
			Per running metre	7.00	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.	5
			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.	4
AMOUNT Rs. P	Rate Words	Figures	Unit	No. or Qty.	Description of work	No.

705NO 8

					C	
					charges.	
					specification clause 400 complete within an leads, it is, carriage of material and other incidentalis	
					respication shows 100 seconds within all leads 110 seconds of the state of the stat	
					aggregate watering and compacting to the required density Grading-1 (one) as per technical	
					camora apprying and oroning, some screening officing materials to multiplied intersuces of course	
					combon ambiguous de la companiona del companiona dela com	
					with three wheel 80-100 kN (eighty-hundred kilo newton) static roller in stages to proper grade and	
			metre		water bound macadam specification including spicating in uniform unickness, nand packing, forming	
			Per cubic	47.25	Providing, laying, spreading and compacting stone aggregates by manual means of specific sizes to	w
					an leads, hits, carriage of material and other incidentials charges.	
					all loads life assets of the design of the control	
			metre		quarry soil etc. and reroling the sub grade complete as per HPPWD Specifications complete within	
			Per square	472.50	Consolidation of sub grade with road roller including making good the undulation etc. with earth or	2
					complete within all leads, tills, carriage of material and other incidentials charges.	
			mene		base for sebatant asbeitants about the superintention of sout southernor as better the absententions	
			matra		naid for senarately depending upon the classification of soil completed as per HDDWD specifications	
			Per square	472.50	Preparation of sub grade by dressing to camber (Earth work for cutting involved for sub grade to	1
Rs. P	Words	Figures		Qty.		No.
AMOUNT	Rate		Unit	No. or	Description of work	Sr.
Three Mo	Time Limit:					
2,60	Earnest Money:				(Sub Head:- Providing and laying w BM = Grade-I at km 0/00 to 0/150)	(Sub
1,29,15	Estimate Cost:				Name of Work: Construction & IV/1 on Jeepable link road village Nenari Bain to Finar Bhadiu	INSI
4 400 40						N

T						
N	Name of Work: Construction of Link Road from Khadar to Kolang via Rahad				Estimate Cost:	2,80,50
S	(S.H.: Providing and laying W®™ G-I, G-II and Premix Carpet and Seal Coat at km 0/00 to 0/100)	00)		E	Earnest Money: Time Limit:	5,70 Three Mo
Sr.	Description of work	No. or	Unit	H	Rate	AMOUN
No.		Qty.		Figures	Words	Rs. P
_	k for cutting involved for sub grade to paid for as per HPPWD specifications complete within all	336.00	Per square metre			
	leads, lifts, carriage of material and other incidentials charges.					
2	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	336.00	Per square metre			
	of material and other incidentials charges.					
w	Providing, laying, spreading and compacting stone aggregates by manual means of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100	33.60	Per cubic metre			
	stone screening/ binding materials to fillup the interstics of course aggregate watering and compacting to the					
	carriage of material and other incidentials charges.					
4	Providing, laying, spreading and compacting stone aggregates by manual means of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100	23.63	Per cubic metre			
	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		L.FR			
	carriage of material and other incidentials charges.					
	5 Providing and applying primer/tack with bituminous primer (VG-10) at the rate of 1.00 (one point zero zero) kilogram per square metre on existing WRM (Water bound macadam) surface cleaned with mechnical brooms	315.00	Per square			
	as per HP.PWD/MORD specification complete within all leads, lifts, carriage of material and other incidentials charges.					

		Description of work	No. or	Unit	R	Rate	CNDOWY
	6		Qty.		Figures	Words	Rs. P
1	6	-	315.00	Per square			
		(twenty millimetre) thickness composed of 13.2mm to 5.6mm (thirteen point two millimetre to five point six		metre			
		millimetre) aggregates either using penetration grade bitumen at the rate of 1.46 (one point four six) kilograme	N	1			
	F	per square metre to required line, grade and level to surve as wearing couase on a previously prepared base, including mixing in suitable plant, laying and rolling with a three wheel 80-100 kN (eighty-hundred kilo					
		newton) static roller capacity, finished to required level and grades to be followed by seal coat of Type-B as per technical sepcification Clause 508 including all corrective measures such as patching pot holes, sealing of					
		cracks including all profile correction for all depths and hauling of material with in all leads and lifts by all					
	7	modes of transportation. 7 Providing and laving seal coat Type-B by mechanical means sealing the voids in a bituminous surface laid to the	315.00	Per square			
		sepcified levels, grade and crossfall using Bitumen (VG-10) at the rate of 0.68 (zero point six eight) kilograme		metre			
		per square metre as per technical specificaiton Clause 510 including hauling of material with in all leads and					
3.		lifts by all modes of transportation.					
		Total					

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COUNTY	2

Name of work : Construction of Govt. Sr. Sec. School Building at Langna Distt. Mandi (H.P.)

Job No (b)
Estimate Cost:

87,3

(SH	(SH; Providing and fixing Door Shutter, Window & Grill Fixing)			Earnest Money: Time Limit :	Two M
No.	Description of work	No. or Oty.	Unit	Rate Figures Words	AMOUN'
	Providing and fixing panelled or panelled and glazed 35mm (thirty five millimeter) shutters in Second class teak wood for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-incharge. The rates are inclusive cost and carriage of materials with in all leads, lifts and other	3.20	Per Square Metre	al hori	
	incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.				
ω	Providing and fixing glazed 35mm (thirty five milimeter) shutters in Second class teak wood for doors, windows and clerestory windows using 4 mm (four milimeter) thick float glass panes, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws complete 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.	13.75	Per Square Metre		
4	Providing and fixing M.S. grills fixed to steel windows by welding of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete complete 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.	137.50	Per Kilogram		
O.	Providing and fixing 300x16mm (Three hundred by sixteen milimeter) size anodized aluminium sliding door bolt anodized colour and shade with bolts and nuts screws etc. complete 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.	2.00	Each		
6	Providing and fixing 250x10mm (Two hundred fifty by ten milimeter) size aluminium tower bolts (berrel type) anodized trans parent or dyed to required shade and colour with screws etc. complete 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		
7	Providing and fixing 100x10mm (one hundred by ten milimeter) size aluminium tower bolts (berrel type) anodized trans parent or dyed to required shade and colour with screws etc. complete 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.	40.00	Each		

					Total	
					length (hold fast lugs or dash fastener shall be paid for separately) 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.	0.00
			Per cubic metre	0.031	10 Providing Second class teak wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia &	10 P
			Each	20.00	Providing and fixing anodized aluminum handle anodized transparent or dyed to required shade or colour with necessary screws etcetera complete.75mm (Seventy five milimeter) size 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.	9 t T # P
			Each	4,00	Providing and fixing anodized aluminum handle anodized transparent or dyed to required shade or colour with necessary screws etcetera complete.125mm (one hundred twenty five milimeter) size 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.	st & P
AMOUN'	Words	Figures Rate	Unit	No. or Oty.	Description of work	

and clau max mix char dire		No.	Name o (Sub He
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 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 in all respect.	rescribiton of MOLV	Name of Work- Construction & M/T on Main Road to SC Basti Badartu (Simus) km 0/00 to 1/00. (Sub Head:- Providing and Laying Kharanja Stone Soling and Cement Concrete Pavement at km 0/200 to 0/300)
15.75	47.25	Oty.	n 0/200 to
Per Cubic metre	Per Cubic metre	Unit	0/300)
		Figures	
		Rate	Estimate Cost: Earnest Money: Time Limit:
		AMOUN	2,09,7 4,2 Three M

Dob x6 12

SCHEDULE OF QUANTITY

	-	No	Sr.	Su
Total	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.		Description of work	Name of Work- Improvement of 800 mtr. Utpur Bharol Road (Sub Head:- Providing and Laying Cement Concrete Pavement at km 0/00 to 0/53)
	19.48	Qty.	No. or	
-	19.48 Per Cubic metre		Unit	
		Figures	1	
		Words	Rate	Estimate Cost: Earnest Money: Time Limit:
		Rs.	AMOUN	1,30,2 2,6 Three M

Name of Work: Construction & M/T of Link road to Village Jahnu km 0/00 to 1/00				Estimate Cost:	2 40 40
					3,49,438
(SH: Construction of Reatining wall at km 0/255 to 0/270)				Earnest Money:	7,000
Description of work	No. or	Unit		Rate	AMOUNT
	Oty.			Words	Rs. P
Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical	31.90	Per cubic			
removal of stumps and other deleterious materials and disposal in all lead and lift including		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					
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,					
in-Charge hanling and stacking of materials useful for continuous and stacking of the continuous and stacking of materials useful for continuous and stacking of the continuous and stacki					
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					
seepage, rain and other causes it shall be removed by suitable diversion bailing out or purpose seepage.					
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			1		
which shall have to be duly compensated by him at his own cost.					
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	62.25	Per cubic metre			
pumping or bailing out water dewatering removal of slush as required at site which may arisen at the time of laving under water complete for all heights/downless in the first state.					
drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per the					
incidentals.					
2 - No.	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 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 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. Providing and laying cement concrete 1:5:10(one cement: five sanditen 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 the cost of form work in Retaining walls Breast walls, in or under water complete including strench direction of Engineer-in-Charge including c	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 carried out that the structure is in an area with stagnant water or water is met with in the excavation 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 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 which shall have to be duly compensated by him at his own cost. 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 curring complete including the cost of form work in Retaining walls Breast walls, in or under water complete including the cost of form work in Retaining 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 the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other including carriage of material within all leads and lifts and other including carriage of material within all leads and lifts and other including carriage of material within all leads and lifts and other including carriage of material within all leads and lifts and other including carriage of material within all leads and lifts and other including	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 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 scepage, rain and other causes it shall be removed by suitable diversion, balling 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. Providing and laying cement concrete 1:5:10(one cement: five sand:ten graded crushed / broken stone aggregate 40 mm (forty millimeters) nominal size) plums and curing complete including the cost of form work in Retaining walls Breast walls, in or under water complete including the cost of form work as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other including	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 be exeavated 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 Engineering 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 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. Providing and laying cement concrete 1.5:10(one cement: five sandten graded crushed / broken to suppring and laying cement concrete 1.5:10(one cement: five sandten graded crushed / broken to suppring the cost of form work in Retaining walls Breast walls, in or under water complete including the cost of form work in Retaining walls are proved by substituted at site which may arisen at the time of laying cement concrete for all heights/depths including cost of form work 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 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 early 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 Engineerin-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unverneess and finishing the road to specified dimension or as directed by the Engineerin-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. Per cubic metre 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. Per cubic metre cost of form work in Retaining walls Breast walls, in or under water complete including the metre cost of form work as per the direction of

Г			12	1
-	4 n s	H. O G E S T	No.	7.
Total	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
	8.25	28.00	Qty.	No. or
	Per cubic metre	Each		Unit
			Figures	H
			Words	Rate
			Rs. P	AMOUNT

Sob No 14

SCHEDULE OF QUANTITY

-	Vam	Name of Work- Construction of Link road Colwan to Karsal Lan 0/00 to 1/00					
JH O	Sub	(Sub Head:- Providing and Laying Kharanja Stone Soling and Cement Concrete Pavement at km 0/291 to 0/361, Earth filling at km 0/350 to 0/386 and Construction of Wire Crate at km 0/365 to 0/380)	0/291 to	0/361,	-	Estimate Cost: Earnest Money:	4,01,0
	or.	Description of work	No. or	Unit		Pato Limit.	THE STATE OF
17	No.		2			Nate	AMOUN
1	-	tone soling properly handnacked filling interesting with VI	Oty.		Figures	Words	Rs. I
		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 in all respect.	36.75	Per Cubic metre			
	2 (Construction of un-reinforced cement concrete pavement as per design and drawing with expension and	24.50	Per Cubic			
	n () a s	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.		metre			
	3 C	Costruction of embankment with approved material obtained from borrow pits with a lift 1.5mtrs transporting to site, spreading, grading to required slope and compacting to meet requirment of table 300.1 amd 300.2 with a lead upto 1000m.as per Technical Specification Clause 301.5 including carriage of material and other incidentials.	52.80	Per cubic metre			
1	4 0	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 bundred millimetre into the land of t	46.87	Per Cubic			
_	- 5 7	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.		metre			
Г	-	Total					

STONE 12	1			1	1	
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2		Sr.	ame
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.	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 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 femoved 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 :Restoration of Rain Damages on Ghatta Bag Road Km 0/00 to 4/500 (SH; Construction of Reatining wall at km 2/737.25 to 2/739.75)
16.63	4.13	No. or Otv.	
Per cubic metre	Per cubic metre	Unit	
		Figures	I
		Rate	Estimate Cost: Earnest Money: Time Limit:
		AMOUNT Rs. P	93,371 1,900 TwoMon

				1
	4	. w	No.	Sr.
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
	5.78	4.00	Qtv.	No. or
	5.78 Per cubic metre	Each		Unit
			Figures	H
			Words	Rate
			Rs. P	AMOUNT

			Per cubic metre	27.26	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.	2
			metre	7.98	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.	
AMOUNT Rs. P	Rate res Words	Figures	Unit	No. or Oty.	Description of work	No.
1,54,641. 3,100. Three Mont	Estimate Cost: Earnest Money: Time Limit:				ne of Work :Restoration of Rain Da : Construction of Reatining wall at	Nan (SH

					Total	Г
			10.53 Per cubic metre	10.53	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.	4
			Each	7.00	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.	
Rs. P	Words	Figures		Qty.		No.
AMOUNT	Rate	Rs	Unit	No. or	Description of work	1

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SCHEDULE OF QUANTITY

maxır mixer chanır direct	2 Const and co	power bindin hundr satisfa variou in all	No.	Sr.	Name of (Sub Hea
	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.		Description of work	Name of Work- Construction of link road from Gharoo to Kaleharoo (Sub Head:- Providing and Laying Kharanja Stone Soling and Cement Concrete Pavement at km 0/150 to 0/182)
	9.60	15.12	Qty.	No. or	n 0/150 to
	Per Cubic metre	Per Cubic metre		Unit	0/182)
			Figures	1	jeri
			Words	Rate	Estimate Cost: Earnest Money: Time Limit:
			Rs. P	AMOUN'	97,11 1,90 Two Mo

Name of Work : Construction of Link road Mortan to Bagla School upto Balhi Pas

	N			No.	Sr.	-	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 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.	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.	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		Description of work	(Sax Comparation of Treatming wall at Mill 1/313 to 1/323)	a School upto Balhi Passar roac
	52.66		28.76	Oty.	No or		km 0/00 to 1/500
	Per cubic metre	nieue	Per cubic	Ollit	II-da		500
-			0	Figures			
				Words	Time Pinit:	Earnest Money:	Estimate Cost:
			Aur	AMOUNT	I nree Mon		3,03,336

(SI	(SH:Consultancy for Sub Structure design & Drawing of 80.00 mtr. Span Motorable Bridge over Binwa Khad at Bhran)	idge over	Binwa	E _	Earnest Money: Time Limit:	4,50, 9,
Sr.	Description of work	No. or	Unit	R	Rate	AMOI
No		Otv.		Figures	Words	Da
	1 To Prepare and Submit Design and structural drawings of sub structure complete in all	1.00	1.00 Lum Sum	0		INO.
	respect, as per approved GAD including proof checking from competent authority. If		per Job			
	any correction/ amendment has desire by higher office may may be corrected as desire					
	approval 5 (five) set of the same should be submitted in fair shape complete within all					
	leads, lifts carriage of material and other incidentials. The rate shall include all taxes					
	including G.S.T. levy by the Govt. time to time.					

202000 20

				1.	
	-	No	Sr.	(SH Gal	Nan
Total	l Survey and investigation for preparation of manuscript copy of detailed estimate of new / existing road such as L-section, X-Section, Plan, Cross drainage work, bridge work, retaining wall, breast wall and other necessory provisions taken in the estimate preparation of detailed estimate including got checking of the same in higher office and after that prepration of fair shape DPR along with drawing in 5 (five) set and got through from higher office for onward submission to NABARD. The rate shall include all taxes including G.S.T. levy by the Govt. time to time.		Description of work	(SH:SH: Prepration of DPR of Chhir Bhyot Balh Rohar Rangra Sarhoor Kalihru Antola Gadiyara Chowk Galu Road km 0/00 to 12/00)	Name of Work: A/R & M/O on various road under I ad Bhand Salt Division I provide the control of
	12.00	Oty.	No or	ad Bhar Gadiya	
	Per Kilometer	Omit	Ilmit	ol ra Chowk	
		Figures		H	
		Words	THUE LIMIT	Estimate Cost: Earnest Money:	
	3.	AMOU	1_		

(SH: Construction of Breast wall at km 0/825 to 0/837 & Reatining wall at km 0/850 to 0/862) Name of Work :A/R & M/O link road Harizan Basti Kotla road km 0/00 to 1/500 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 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 road to specified dimension or as directed by the Enginer-in-Charge. If the foundation of 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, 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 approved dumping sites through all modes of transporation including head load or animals of rock (where blasting is prohibited) and their intermediate classification of soil, setting out Excavation in soil in hilly area in all heights and depths and in all kind of soil by all means shall have to be duly compensated by him at his own cost. machineries, materials, tools equipments and safety measures. Any loss to the public / private 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 specification section 1000 & 300 and sorting out useful materials and stacking the same in all the drawing and as directed by the Engineer-in- Charge at site according to the M.O.R.D. technical true to the required line, grades, width cutting and trimming of side slopes and level as shown on including saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiseling/ wedging out Description of work No. or 24.36 13.20 Per cubic Per cubic metre metre Unit Figures **Earnest Money: Estimate Cost:** Time Limit: Words AMOUNT Three Mon Rs. 3,76,764

					Total	
			Per cubic metre	5.76	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.	U
			Hach	34.00	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.	
			1		Providing ween holes in heigh masons /stone masons /slain	4
			Per cubic metre	66.12	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.	
Rs. P	Words	Figures		Oty.	dentified and leading account to 15,100	No.
AMOUNT	Rate		Unit	No. or	Description of work	1
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Z	Name of Work: A/R & M/O Bhaila to Lower Bhaila Road				Estimate Cost:	3,40,786.0
0	(SH: Construction of Reatining wall at km 0/200 to 0/225)				Earnest Money: Time Limit:	6,800.
Sr.	Description of work	No. or	Unit	H	Rate	AMOUNT
No.		Qty.		Figures	Words	Rs. P
	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical	27.88	Per cubic			
	removal of stumps and other deleterious materials and disposal in all lead and lift including		шене			
	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					
Ħ	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 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			Á		
	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	59.00	Per cubic metre			
	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					
THE	direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.					
[-		

1	Description of work	No. or	Unit	R	Rate
No.		Qty.		Figures	Words
w	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment,	23.00	Each		
	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				
1	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	4 Back filling behind abutment wing wall and return wall complete as per Drawing and technical	21.75	Per cubic		
	specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentials.		metre		
	Total				
	TOTAL				

Na	Name of Work : Restoration of Rain Damages on Balotu to Gwaila Road km 0/00 to 4/00				Estimate Cost:	1,81,098.
(SI	(SH: Construction of Reatining wall at km 3/335 to 3/345)				Earnest Money: Time Limit:	3,600. Three Mont
Sr.	Description of work	No. or	Unit	1	Rate	AMOUNT
INO.		Oty.		rigures	Words	Ks. P
	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,	20.20	Per cubic metre			
	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 chiceling and wedging out rock (where blacting 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-					
	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					
	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					
	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	31.50	Per cubic metre			
	cost of form work in Retaining walls Breast walls, in or under water complete including,					
	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					
Г	incidentals.					

					Total	Γ
			Per cubic metre	5.70	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.	4
			Livin		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.	
N3, I	ti orus	a spinson	Fach	18 00	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment	w
De D	Words	Figures		Otv.		No.
TUTOMA	Rate	R	Unit	No. or	Description of work	1

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1.2
0.76
55.75%
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7.2
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- 25%
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of Engir	4 Providing was the full via drawing	stone aggrects of for pumping of the time of drawings a direction of incidentals	INO.	13	1
omoravion of the Linguistic Charge.	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	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.		Description of work	
	15.00	37.95	Qty.	No. or	
	Each	Per cubic metre		Unit	
			Figures	R	
			Words	Rate	
		A STATE OF THE STA	Rs. P	TNOOMA	

Schedule of Quantity

Earnest Money:-Estimated Cost:-Rs. 99173.00

One Phase Months

Name of work: Construction of Canteen block & Hall at Govt. Degree college Joginder Nagar Distt.Mandi (HP) (Sub head: Construction of retaining wall at RD 0/024 to 0/033)

			ω		2			4	No.
	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.	specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentials.	Back filling behind abutment wing wall and return wall complete as ner Drawing and to the	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) curing complete within all leads, lifts carriage of material and other incidentials.	Providing and laying concrete for plain / reinforced concrete in the force of the state of the s	deleterious materials and disposal upto any lead, dressing of sides and bottoms and other in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentials.	Earni work in excavation for structures as per drawing and technical specifications clause 305.1		Description of Item
	21.00	18.00		40.35		0.50	T		Qty
							7	Figure	
								in words	Rate
Iotal	Each	Per cubic metre		Per cubic metre		metre metre			Unit
									Amount

Executive Engineer
B & R Division HPPV
Jaginder Nagar (H.P.

JOBNO (SE)

Black St.										
Nan (SH:	Sr.	NO.	1		76 4	1.0	-	4 T 6 " "	4	
Name of Work: Improvement of Balck Spot on Gagal Bhagher Road km 0/00 to 7/00 (SH: Construction of "W" Metal Beam Crash Barrier at km 5/510 to 5/540)	Description of work		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 Franciscar.	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.	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	The same of the same same same same same same same sam
	No. or	Qty.	2.23						2.43	
	Unit		Per cubic	metre					Per cubic metre	
		Figures								
Estimate Cost: Earnest Money:	Rate									
1,15,032 2,300		Rs. P								

6 Providi thick of fixed o X five zero) h be galv fixed o seventy	J.	-	
thick corrugated sheet metal beam guard rail 70cm (seventy centimetre). Above road/ ground level fixed on ISMC series channel vertical posts 150x75x5mm thick (one hundred fifty X seventy five X five millimetre) spaced 2.00 (two point zero) metre centre to centre 1.80 metre (one point eight zero) high 1.10 metre (one point one zero) below ground/ road level all steel parts and fitments to be galvanised by hot deep process, all fittings to confirm to IS: 1364, metal beam guard rail to be fixed on the vertical posts with a spacer of channel section 150x75x5mm (one hundred fifty x seventy five x five millimetre), 330mm (three hundred thirty millimetre) long complete as per clause 810 within all leads, lifts carriage of material and other incidentials.		Description of work	
	Oty.	No. or	
30.00 Per Running Meter		Unit	
	Figures	I	
	Words	Rate	
	Rs. P	AMOUNT	

(Date No 27)

SCHEDULE OF QUANTITY

	H	0.0 = = =	2		-	No.	(3)	Na
Total		clause and specifications M-20 (twenty) grade course and fine aggregate conforming to IS:383, 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 cement concrete pavement as per design and drawing with expension	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	Description of work	(S.H.: Providing and laying of Kharanja Stone Soling and Cement Concrete pavement at km 0/223 to 0/268)	Name of Work: Construction of Link Road to Village Khalam. SCHEDULE OF QUANTITY
		22,00			Oty.	No. or	23 to 0/2	Y
		Per Cubic metre			Po	Unit	68)	
					Figures			
					Words	Time Limit:	Estimate Cost:	
					AMOU Rs.	Three N	2,22	

B & R Division HP.PWD,
Johnder Nagar

Name of Work: A & Sn of Link road to Village Samoun Jarehar Langna km 0/00 to 2/00 (SH: Construction of Retaining wall at km 1/615 to 1/625) Earnest Money: **Estimate Cost:** 1,85,430.

	w			2										-		10		No.	(SH:	
	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.	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	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	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	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.	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	structure is in an area with stagnant water or water is met with in the excavation due to spring	road to specified dimension or as directed by the Enginer-in-Charge. If the foundation of 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 Engineer-	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	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.	Earth work in excavation for structures in all depths as per drawing and M.O.R.D technical	Description of work	(SH: Construction of Retaining wall at km 1/615 to 1/625)	
	6.10			31.70												, 10,00	13.60	Ofv.		
Шепе	Per cubic			Per cubic												metre	Per cubic	Unit		
																	2 m	Figures		
																		Words	Earnest Money: Time Limit:	
				100													Y .CV	Rs P		-

	4	10.
Total	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.	Description of work
	18.00	No. or Oty.
	Each	Unit
		Figures
		Rate
		AMOUNT Rs. P

Z	at a Will near the and a second secon	7.5-				
(61	ol Outpur Sandapattan Road	km 0/00 to 10/00.	0.		Estimate Cost:	3,36,699
1	Course action of rectaining wall at km 0/050 to 0/060)			I	Earnest Money:	6,700.
N. Sr.	Description of work	No. or	Unit	I	Rate	AMOUNT
- 3	Touch would be a second of the	Qty.		Figures	Words	Rs. P
-	specification section 300 & 1600 including setting out construction of shoring and hazcing	25.30	Per cubic			
	removal of stumps and other deleterious materials and disposal in all lead and lift including		шене			
	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					
	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					
	road to specified dimension or as directed by the Engine in Change If the first in 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 state of the public or					
	which shall have to be duly compensated by him at his own cost.					
N	Providing and laying cement concrete 1:5:10(one cement: five sand:ten graded crushed / broken stone aggregate 40 mm (forty millimeters) nominal size) nlums and curing complete including the	52.95	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 orisen at		mone			
	the time of laying under water complete for all heights/depths including cost of form work as per drawings and MORD technical encifications section 800 000 1000 8 1000					
	direction of Engineer-in-Charge including carriage of material within all leads and lifts and other					

					Total	T
			Each	20.00	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	15.30	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	Omi	Qty.	Description of work	2 3
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Z	ame	Name of Work: Restoration of Rain Damages on Lad Bharol Outpur Sandapattan Road km 0/00 to 10/00.	0 to 10/0	0.		Estimate Cost:	3,16,747
3	H:	(SH: Construction of Retaining wall at km 2/075 to 2/087)			-	Earnest Money: Time Limit:	6,300 Three Mon
S	Sr.	Description of work	No. or	Unit	H	Rate	AMOUNT
No.	0.		Qty.		Figures	Words	Rs. P
	1 五	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical	22.62	Per cubic			
	Is	specification section 300 & 1600 including setting out, construction of shoring and bracing,		metre			
	2 2	removal of stumps and other deleterious materials and disposal in all lead and lift including					
	H	work of rock cutting by blasting shall be carried out by taking all necessary precautions against					
	SC	soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall					
-	0 0	cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes,					
	N	width, camber super elevation and level as shown on the drawings or as directed by the Engineer-					
	H.	in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe					
	d	disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the					
	2 7	structure is in an area with stagnant water or water is met with in the excavation due to spring					
	S	seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as					
	d	directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or					
	ם א	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 P	Providing and laying cement concrete 1:5:10(one cement: five sand:ten graded crushed / broken	49.99	Per cubic			
	S	stone aggregate 40 mm (forty milimeters) nominal size) plums and curing complete including the		metre			
-	ро	pumping or bailing out water ,dewatering removal of slush as required at site which may arisen at					
	200	drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per the					
	=: 0	incidentals.					

				Total	
		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
		Per cubic metre	15.24	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.	3
AMOUNT Rs. P	Rate Figures Words	Unit	No. or Oty.	Description of work	No.